

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	290	(quantum well) and ((light emitting) or LED or laser) and (thick\$4 with variation with (well or (active with layer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/08/23 17:45
L5	65	L4 and ((zero or absent or negligible or "0") with (thick\$4 or height))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/08/23 17:45
L4	513	257/E33.008.ccls. and @ad<"20040130"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/08/23 17:45
L3	36	L2 and (dop\$3 with barrier with layer) and (((not doped) or (undoped)) with well with layer)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/08/23 17:44
L2	1208	257/78,102.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/08/23 17:44
L1	508	(multiple with quantum with well) and ((GaN or (gallium nitride) with well) and (si with dop\$3 with barrier) and (light emitting))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/08/23 17:44
S91	41	S90 and (@ad<"20050128") and (well with GaN)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/08/22 14:01
S90	149	("4862471" "4916708" "4941025" "5077588" "5146465" "5247533" "5358897" "5373166" "5392306" "5400352" "5410159" "5473173" "5523589" "5563900" "5578839" "5585648" "5587593" "5592501").PN. OR ("5684309").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/08/22 14:01

S89	73	S88 and @ad< "20050128"	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/08/22 13:49
S88	75	("20010022367" "20010030318" "20010032976" "20020046693" "20020060326" "20020182765" "4153905" "4495514" "4670088" "4946548" "4966862" "5091333" "5210051" "5239188" "5247533" "5252499" "5272108" "5278433" "5281830" "5285078" "5290393" "5306662" "5323022" "5334277" "5369289" "5385862" "5406123" "5408120" "5433169" "5442205" "5468678" "5516731" "5563422" "5578839" "5637530" "5652434" "5686738" "5733796" "5734182" "5747832" "5751752" "5767581" "5777350" "5828684" "5834326" "5850410" "5877558" "5880486" "5905276" "5959307" "5998925" "6001669" "6017774" "6051849" "6066861" "6069440" "6078063" "6084899" "6093965" "6115399" "6153010" "6172382" "6204512" "6215133" "6222871" "6238943" "6245259" "6249012" "6337493" "6362017" "6495862" "6555457"). PN. OR ("6881983").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/08/22 13:49
S87	12	("20030015104" "20030151044" "20030160246" "20030209704" "20040099858" "20050026399" "5088100" "5434426" "5486490" "6121634" "6222871" "6881983"). PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/08/22 13:45

S86	9	("20030151044" "20030160246" "20050242364" "20060157730" "20060163605" "6172382" "6608330" "6906352" "7601979").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/08/22 13:42
S85	28	("5684309").PN. OR ("6608330").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/08/22 13:40
S84	59	S82 and (well with GaN)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/08/22 13:05
S83	59	S82 and(well with GaN)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/08/22 13:05
S82	116	(US-20010013605-\$ or US-20020056836-\$ or US-20020084452-\$ or US-20030052316-\$ or US-20040012013-\$ or US-20050093009-\$ or US-20040012958-\$ or US-20040213315-\$ or US-20040245535-\$ or US-20020030200-\$ or US-20020195606-\$ or US-20050205884-\$ or US-20010011733-\$ or US-20020045286-\$ or US-20020053665-\$ or US-20020063258-\$ or US-20030222266-\$ or US-20040026710-\$ or US-20040041160-\$ or US-20040087050-\$ or US-20040108513-\$ or US-20040113167-\$ or US-20060071218-\$ or US-20060175600-\$ or US-20030042496-\$ or US-20030141506-\$).did. or (US-20040104390-\$ or US-20070045651-\$ or US-20020030185-\$ or US-20040135136-\$ or US-20020136932-\$ or US-20030015724-\$ or US-	US-PGPUB; USPAT; DERWENT	ADJ	ON	2011/08/22 13:05

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4637122-\$).did.

EAST Search History (Interference)

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8/23/2011 5:46:29 PM

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holes in active layers\EAST search 10586909.wsp